

OMAFRA – U of G Partnership Gryphon's LAAIR* - Funded Projects 2017

*Leading to the **Accelerated Adoption** of
Innovative Research

Gryphon's LAAIR projects funded in spring 2017

Manjusri Misra, \$30,000 – Biobased and novel compostable biocomposite tomato clips for greenhouse industry

Amar Mohanty, \$30,000 – Agro-based carbonaceous biocomposites for lightweight automotive parts

Mike Dixon, \$30,000 – Irrigation program for ornamental nurseries

Eric Lyons, \$30,000 – Development of data processing and decision making interface for a novel sod scanner used in precision agriculture

Loong-Tak Lim, \$30,000 – Development of trigger release of polymer carriers for aldehydes

Baozhong Meng, \$30,000 – Development and validation of next-generation sequencing (NGS) technologies and bioinformatic pipelines as a routine platform for the diagnosis of grapevine viruses

Michele Oliver, \$25,000 – Novel active whole-body vibration attenuation device for mobile agricultural machinery

Manick Annamalai, \$25,000 – Production of free-flow spray dried maple powder

Dominique Bureau, \$25,000 – Exploring the Value to the Global Animal Feed Industry of a Method to Predict the Nutritional Value of Protein in Feather Meal Using Raman Spectroscopy.

The following projects below were jointly funded by the OMAFRA-UofG Partnership and the UofG Food from Thought Initiative

Rozita Dara, \$30,000 – Blockchain to securely trace soybean products

George van der Merwe, \$30,000 – Applications of novel stress tolerant yeasts in commercial alcoholic fermentations

Praveen Saxena, \$30,000 – Hazelnut cryobank for the Ontario industry: Development of a commercial cryopreservation protocol for elite cultivars

Wael Ahmed, \$30,000 – Innovative Airlift Pump Technology for Sustainable Food Production

Ian Tetlow, \$30,000 – Optimising Reaction Conditions for Enzymatic Modification of Industrial Biopolymers

Cynthia Scott-Dupree, \$30,000 – Sterile Insect Technique: A potential control strategy for pepper weevil, a pest of greenhouse sweet pepper crops in Ontario

Manish N. Raizada, \$30,000 – Towards commercialization of a corn biofertilizer that promotes crop growth without synthetic nitrogen fertilizer and can promote a new crop to diversify Ontario's farm landscapes